

## A B S T R A C T

A DETECTOR SYSTEM FOR DETECTING AT LEAST ONE CHEMICAL  
SUBSTANCE

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A detector system for detecting at least one chemical substance, the system being of the type comprising a measurement sensor (7) for selectively sensing the chemical substance to be detected, and a measurement unit (8) associated with the measurement sensor (7) for the purpose of being connected to a processor unit (9) to determine whether said chemical substance for detection is present or absent, the measurement sensor comprising at least one olfactory neuron (7) selected for selectively sensing the chemical substance to be detected, and the olfactory neuron (7) is secured to a support (3) in order to co-operate with the measurement unit (8).

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Translation of the title and the abstract as they were when originally filed by the Applicant. No account has been taken of any changes that may have been made subsequently by the PCT Authorities acting ex officio, e.g. under PCT Rules 37.2, 38.2, and/or 48.3.

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